

Title (en)
ELECTRIC BICYCLE DERAILEUR

Title (de)
KETTENSCHALTUNG FÜR ELEKTROFAHRRAD

Title (fr)
DÉRAILLEUR DE BICYCLETTE ÉLECTRIQUE

Publication
EP 3251941 A1 20171206 (EN)

Application
EP 17172248 A 20170522

Priority
IT UA20163996 A 20160531

Abstract (en)
A bicycle derailleur comprising a chain guide and an electric motor (12) that displaces the chain guide further comprises an electrically controllable device (50) configured to, selectively, block the rotation of the electric motor (12) and let the electric motor (12) free to rotate. A method for actuating a bicycle derailleur comprising a chain guide and an electric motor (12) that displaces the chain guide, comprises the steps of: - receiving a gearshifting request signal, - making the electric motor (12) free to rotate, - driving the electric motor (12) to displace the chain guide until the chain guide is in an intended position while the electric motor (12) is made free to rotate, and - blocking the rotation of the electric motor (12).

IPC 8 full level
B62M 25/08 (2006.01); **B62M 9/12** (2006.01); **B62M 9/122** (2010.01); **F16H 61/00** (2006.01)

CPC (source: CN EP US)
B62M 9/12 (2013.01 - EP US); **B62M 9/122** (2013.01 - EP US); **B62M 9/132** (2013.01 - US); **B62M 25/06** (2013.01 - CN); **B62M 25/08** (2013.01 - EP US)

Citation (applicant)

- EP 2727810 A2 20140507 - SHIMANO KK [JP]
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Citation (search report)

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- [A] EP 2727810 A2 20140507 - SHIMANO KK [JP]

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3251941 A1 20171206; **EP 3251941 B1 20200819**; CN 107444564 A 20171208; CN 107444564 B 20210507; IT UA20163996 A1 20171201; JP 2018008683 A 20180118; JP 6832237 B2 20210224; TW 201800308 A 20180101; TW I727045 B 20210511; US 10696358 B2 20200630; US 2017341708 A1 20171130

DOCDB simple family (application)
EP 17172248 A 20170522; CN 201710397436 A 20170531; IT UA20163996 A 20160531; JP 2017101305 A 20170523; TW 106116200 A 20170517; US 201715608678 A 20170530